

# OUR STORY

YAYASAN CAHAYA SAMUDERA INDONESIA & BANDASEA E.V.



## LUMINOCEAN - YAYASAN CAHAYA SAMUDERA INDONESIA & BANDASEA E.V.

Yayasan CSI (in English "Luminocean") is an Indonesian-registered and BandaSEA e.v. German-registered non-profit organisation. Most of the funds come from BandaSEA, whereas Yayasan CSI runs the projects on the Banda Islands as the local partner. Both organisations are eligible to receive private and public donations.



## FIRST BIG BEACH & STREET CLEANUP

More than 1000 kids from almost all schools join.

To initiate the programme and get as many people as possible involved, we organised a cleanup day on Banda Naira. On beforehand we visited all schools to share the idea and motivate to join.



Photo: Ulet Ifansasti

## FIRST VILLAGE WITH RUBBISH PICKUP

The village Merdeka becomes the first to join the pickup system

We provided information to the community why it is dangerous to burn plastic, then distributed rice bags as trash bins and paid men from the village to pick them up twice per week. A new system was born, which became mainly self-funded after 2 months and completely after 1.5 years.

2014



## WASTE QUANTIFICATION AND REGULAR BEACH CLEANUPS

Elsa Santika (co-founder of Yayasan CSI, in the picture with Ali Tamher, head of Fisheries and Marine Affairs Banda) spends almost 2 years on Banda to visit schools, teach about waste disposal and organise weekly beach cleanups with school classes and authorities. Furthermore, Maga and Elsa work closely together to extend the rubbish pickup system to more villages.

2015



## RUBBISH PICKUP EXTENDS

After Merdeka and Nusantara, the village Kamung Baru is now as well included in the pickup system. The waste gets collected at the central landfill as there is no recycling option yet. However, the communities start to be aware of the risks that burning plastic is posing.

2016



Photo: Ulet Ifansasti

## UPCYCLING BEGINS

Mareike brought an example of a wallet made from recycled coffee packaging over from Bogor. Near Bogor, Nina with her initiative Greenna developed a women programme to make an income from creating wallets from rubbish. We adapted this concept and a little later started teaching women from Banda how to make the wallets. On the photo, Ibu Haji Ida, is displaying the wallets that she made based on the example from Bogor. On Banda, Ibu Haji Ida was the first to make these beautiful wallets that are now for sale in our office.







2017

## ENVIRONMENTAL EDUCATION ON PULAU HATTA

We opened a center for environmental education on Hatta Island. Our volunteer Marthe stayed for a year to teach kids and it quickly turned out to become the afternoon attraction for the children: they can come to borrow masks to go swimming but in return have to bring back trash from the beach or sea. Now in 2019, Andika, a marine science graduate from Bogor University has taken over the teaching. We are always looking for volunteers to assist. The aim is to give an example of environment-friendly living and giving kids access to English classes and games that aim at environmental teaching.



2018

## THE PROGRAMME IS GROWING - THANKS TO STERN MAGAZINE

2018 was a year that brought a lot of change for us. We were featured by the German magazine Stern and interviews with Mareike in Stern TV, NDR Talkshow and WDR 5 followed. Thanks to the growing public interest, we received more donations and Maga could extend the rubbish pickup to more districts, for example, also in the village Lonthoir on Banda Besar. Systematic beach cleanups are organized around the coastline of Banda Naira. Furthermore, we received confirmation from the German company Collier logistics to fund a pyrolysis plant, a machine that turns plastic into fuel.



2018

## NEW OFFICE & SCHOOL IN KAMPUNG BARU

In 2018, Maga also opened a new afternoon school in Kampung Baru where kids can learn using computers, English, art and about environmental issues. BandaSEA volunteers help teaching. This is also the place where visitor are most welcome to learn about our programme and buy upcycling products such as wallets and bags. The artist group Bandasketch also paints and sells their paintings here.







2018

## FIRST DISPOSABLE PLASTIC-FREE SCHOOL

We sponsored and mentored the first primary school on banda to become a place without disposable plastics. Kids cannot by snacks wrapped in plastic anymore but receive their lunch from tupperware and plates. Every classroom has its own water dispenser and every kid her or his own cup. BandaSEA volunteers engage the kids by producing artworks from plastic. The result is impressive and we hope that one day all schools on Banda can follow this example. For this we require further funding.



2019

## TRASH FISHING CONTINUES

Even though the rubbish pickup system already works well in many villages, there still is plastic and lots of organic trash that floats by every day. Some comes from the market on Naira, where despite of all the efforts people still keep throwing trash in the sea. Some comes from the nearby islands where we couldn't establish a pickup system yet. Until we have the funds to extend rubbish pickup to all islands, we will continue fishing trash whenever needed.



2019

## RECYCLING FACILITY OPENS

We received funding from the Tirto Utomo Foundation and from the German Embassy in Jakarta to build a hall that is used for sorting and recycling plastic. We are operating a pyrolysis plant - funded by Collyer logistics - to turn PP and PE into diesel, bensin and kerosene. All plastics are being sorted according to the different possible ways of recycling:

- PP, LDPE and HDPE: plastic to fuel
- PET: shredding and shipping to Surabaya for recycling
- aluminium-coated packages: upcycling into wallets
- PVC, mixed plastics: no solution yet

2020



We bring our well-working recycling system to other islands. We started with Banda Besar, the second most populous island in the Banda archipelago. Supported by the Indonesian Ministry of Marine Affairs and Fisheries and "Deutsche Stiftung Meeresschutz", we built a house to store and sort the plastics there and employed 6 people to pick up plastic waste from houses, roads and beaches. The plan is to collect plastic from Banda Besar once a month and bring it to Banda Naira for recycling or onward shipping. With this system, we hope to create a model for the other Banda Islands such as Rhun, Ai and Hatta, or also become an example for islands outside the archipelago.

[Info@luminoccean.com](mailto:info@luminoccean.com) ; [info@bandasea.com](mailto:info@bandasea.com)

[www.luminoccean.com/conservation](http://www.luminoccean.com/conservation)

[www.bandasea.org](http://www.bandasea.org)

Facebook: Magafira Ali ; Luminoccean Marine Education ; BandaSEA e.V.

Instagram: Magafiraali\_seasoldier341 ; Luminoccean Indonesia ; BandaSEA e.V.

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